c.) Amendments to the Claims

Status Identifiers of the Claims

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
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63. (Previously presented)

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67. (Previously presented)

68. (Previously presented)

69. (Previously presented)

70. (Previously presented)

Listing of Claims

Claim 1-62 (cancelled)

63. (Previously presented): A method of using a protein standard to estimate the size and the amount of a polypeptide in a protein sample comprising:

(a) electrophoresing simultaneously in separate lanes on a gel the protein sample and a protein standard containing at least of three polypeptides of different known size and of different known amount;

(b) detecting the polypeptides on the gel with a detection assay to obtain relative positions and relative detection intensities of the polypeptides;

(c) comparing the relative positions of polypeptides of said protein standard with the relative position of polypeptide in the protein sample to estimate its size; and

(d) comparing the relative detecting intensities of polypeptides of said protein standard with the relative detecting intensity of polypeptide in the protein sample to estimate its amount.

64. (Previously presented): The method according to claim 63, wherein detection intensity of the detection assay is related to the polypeptide amount.

65. (Previously presented): The method according to claim 63, wherein the protein sample contains one or more polypeptides.

66. (Previously presented): The method according to claim 63, wherein the sizes of the polypeptides in the protein standard are separable by a given gel electrophoresis.

67. (Previously presented): The method according to claim 63, wherein the amounts of the polypeptides in the protein standard are detectable by a given detection assay.

68. (Previously presented): The method according to claim 63, wherein the amounts of polypeptides of the protein standard are determined by comparing the relative staining intensity of the polypeptide with relative staining intensities of different known amounts of a known protein on a gel followed by a detection assay.

69. (Previously presented): The method according to claim 68, wherein the known protein is bovine serum albumin, lysozyme, or insulin.

70. (Previously presented): The method according to claim 68, wherein the known protein is any chosen protein with known size and quantity.